

## PATENT SPECIFICATION



NO DRAWINGS

1,161,528

Inventor: ERNEST PORTER PREBBLE

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International Classification:—A 61 1 15/00

## COMPLETE SPECIFICATION

## Improvements in or relating to Surgical Dressings

We, PREBBLES (MEDICAL) LIMITED, a British Company of 22-23 Bath Street, Liverpool in the County of Lancaster do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 The present invention relates to surgical dressings and has for its primary object to facilitate the treatment of wounds, burns or the like in the home, in industrial or other surgeries or at dressing stations or other sites or even in hospitals.

15 According to the present invention, a dressing comprises or includes a swab soaked in a solution containing an antiseptic agent, a haemostatic or styptic agent and a local anaesthetic, the saturated swab or a number of said

20 swabs being inserted in a package of flexible paper, foil or the like material which is sealed until required for use when it is appropriately opened to obtain access to the, or a, wet or moist swab.

25 Preferably, but not essentially, the package is a laminate of paper and aluminium foil coated with poly-ethylene, while the solution is an aqueous one.

30 The respective agents in the solution may be of any desired kind. Thus, the antiseptic may be domiphen bromide, cetrimide or chlorhexidine gluconate, to mention three examples; the haemostatic or styptic agent may be an adrenaline salt or ferric chloride while the local anaesthetic may be lignocaine or amethocaine.

35 Preferably, and by way of example, the solution by which a swab is saturated comprises water 98.6%, lignocaine hydrochloride 1.0%, domiphen bromide 0.02%, and adrenaline acid tartrate 0.02% by weight/volume.

40 If desired the package may form part of a comprehensive dressing pack containing a dry pad and also an elastic or flexible adhesive plaster which may be medicated with domi-

phen bromide, while if desired the dry pad may be substituted by a pad containing trichloroethylene, isopropyl alcohol or other appropriate solvent constituting a cleansing or degreasing agent. 45

Thus after washing and irrigating a wound with a wet swab, the surrounding area of the wound may be degreased and dried, before application of the adhesive plaster in completing the treatment. 50

55 Thus the sealed package containing the wet or moist swab or swabs may constitute one compartment or a two or three compartmental pack, in which event both the dry or degreasing pad and the adhesive plaster may collectively be located in a second compartment or be separately housed in second and third compartments which are sealed until required for use. 60

65 The compartments may be located side by side in a striplike pack and sealed from each other along lines extending transversely of the strip, but preferably they are of rectangular form and with the respective compartments of equal size and located one behind the other or others. In the latter event adjacent compartments are separated by a wall common to both, that is to say internally only two thicknesses of foil are required to form three compartments or three thicknesses where two compartments are provided. 70

75 Preferably the contents of the package, or of the pack where the package forms a part, are rendered sterile such as by gamma rays prior to commercial distribution by the manufacturer. 80

## WHAT WE CLAIM IS:—

1. A medicated dressing which comprises or includes a swab saturated in a solution containing an antiseptic agent, a haemostatic or styptic agent and a local anaesthetic, the saturated swab or a number of said swabs being inserted in a package of flexible paper, foil or the like material which is sealed until 85

required for use when it is appropriately opened to obtain access to the, or a, wet or moist swab.

2. A dressing as claimed in claim 1 in which the package is a laminate of paper and aluminium foil coated with polyethylene.

3. A dressing as claimed in claim 1 in which the solution is aqueous.

4. A dressing as claimed in claim 1 in which the antiseptic is domiphen bromide of 0.02% by weight/volume of the solution.

5. A dressing as claimed in claim 1 in which the haemostatic or styptic agent is adrenaline acid tartrate or other adrenaline salt 0.02% by weight/volume of the solution.

6. A dressing as claimed in claim 1 in which the local anaesthetic is lignocaine hydrochloride 1.0% by weight/volume of the solution.

7. A comprehensive dressing pack containing a flexible foil or the like package as claimed in claim 1, a dry cleansing or degreasing pad and an adhesive plaster.

8. A pack as claimed in claim 7 in which the pad has applied thereto a solvent containing trichloroethylene, isopropyl alcohol or the like cleansing or degreasing agent.

9. A pack as claimed in claim 7 in which the adhesive plaster is medicated with domiphen bromide.

10. A pack as claimed in claim 7 in which the flexible foil or the like package, pad and plaster are housed in separate compartments of the pack.

11. A pack as claimed in claim 7 when sterilized by gamma radiation.

12. A medicated dressing substantially as described herein.

13. A pack containing a dressing, pad and adhesive plaster substantially as described herein.

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A. C. ASHTON & CO.,  
Chartered Patent Agents,  
3 Fenwick Street,  
Liverpool, 2.

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**DERWENT-WEEK:** 196800

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**TITLE:** Surgical dressing comprising or including a swab saturated in a soln. contng. an antiseptic agent, a hemostatic or styptic agent and a local anaesthetic, the sw

**PATENT-ASSIGNEE:** PREBBLES (MEDICAL) [PREB]

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>
GB 1161528 A		EN

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
GB 1161528A	N/A	1967GB-023029	May 18, 1967

**INT-CL-CURRENT:**

<b>TYPE</b>	<b>IPC</b>	<b>DATE</b>
CIPS	A61F13/00	20060101
CIPS	D06M16/00	20060101

**ABSTRACTED-PUB-NO:** GB 1161528 A

**BASIC-ABSTRACT:**

Surgical dressing comprising or including a swab saturated in a soln. contng. an antiseptic agent, a haemostatic or styptic agent and a local anaesthetic, the swab or swabs being inserted in a package of flexible paper, foil, etc. sealed until use, when it is opened to give a wet or moist swab.

Treating wounds, burns, etc.

Pref. package is a laminate of paper and Al foil coated with polyethylene. Aq. soln. used to saturate the swab, e.g. antiseptic is domiphen bromide, cetrimide or chlorhexidine gluconate, haemostatic is adrenaline salt or FeCl<sub>3</sub> and local anaesthetic is lignocaine or amethocaine.

**TITLE-TERMS:** SURGICAL DRESS COMPRISE SWAB  
SATURATE SOLUTION ANTISEPTIC AGENT  
HAEMOSTATIC STYPTIC LOCAL  
ANAESTHETIC

**DERWENT-CLASS:** A00 B00

**CPI-CODES:** A04-G02E; A12-V; B05-A03; B10-A17; B10-A22; B10-B01A; B10-B02B; B10-B03B; B12-A01; B12-A07; B12-C02; B12-M07;

**CHEMICAL-CODES:** Chemical Indexing M0 \*01\*  
Fragmentation Code A426 A940 A950  
A980 C720 C730 G100 H141 H181  
H401 H481 H541 H542 H602 H608  
J231 J341 L240 L299 L721 L722  
M232 M233 M240 M331 M333 M431  
M531 M532 M620 M640 M650 P220  
P412 P815 P940 R000 R023 R024

Chemical Indexing M0 \*02\*  
Fragmentation Code A426 A940 A950  
A980 A990 C720 C730 G000 G001  
G010 G011 G012 G013 G014 G015  
G016 G017 G018 G019 G100 H100  
H101 H102 H103 H141 H181 H401  
H481 H541 H542 H602 H607 H608  
H641 H642 H643 H681 H682 H683  
H684 H689 J011 J012 J231 J341  
L240 L299 L640 L721 L722 M111  
M119 M121 M129 M132 M135 M136  
M139 M141 M143 M149 M232 M233  
M240 M331 M333 M431 M531 M532  
M540 M620 M640 M650 M710 M720  
M730 M740 M750 M760 M781 M782  
P220 P412 P815 P940 P941 P942  
P943 R000 R023 R024 R044 R045  
R046 R047

**POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:**

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